

SYED MOHAMMED SULTAN

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Education

Anjuman Institute of Technology & Management

Bachelor of Engineering in Computer Science & Engineering

Dec 2022 – Jun 2026

Bhatkal, Karnataka

Relevant Coursework

- FullStack Development in Java powered by AI
- OOPS in Java
- Maven in Java
- Relational DBMS using MySQL

Internships

Vstand4U Solutions

Feb 2026 – Jun 2026

Full Stack Development Intern

Bangalore, Karnataka

- Learned and applied full-stack web development using Java, JavaScript, and AI-driven methodologies.
- Designed and interacted with relational database management systems for scalable data storage.
- Developed a console-based Hospital Management System solo project leveraging the DAO design pattern.

SystemTron

Oct 2024 – Nov 2024

AI/ML Intern

Remote/Online

- Preprocessed and manipulated existing datasets to extract actionable training features.
- Engineered predictive models for Stock Market forecasting and Car Price estimation.
- Developed and trained a Breast Cancer Detection machine learning model.

Projects

Hospital Management System | *Java, MySQL, DAO Pattern*

Apr 2026

- Built a console-based hospital management solution strictly utilizing object-oriented principles in Java.
- Designed the system architecture using the Data Access Object (DAO) pattern to decouple logic from the database.
- Integrated a relational MySQL database to handle persistent records for patients, staff, and appointments.

QueryCraft | *Node.js, Next.js, Multiple LLM APIs*

Jan 2026

- Built an intelligent database agent that translates natural language into optimized SQL and NoSQL queries.
- Integrated APIs from Gemini, ChatGPT, Kimi, and Grok, implementing dynamic model selection based on task efficiency.
- Engineered an inbuilt compiler allowing users to execute the generated queries in real-time.

Custom Language Translator | *Python, TensorFlow/Keras, Gradio*

Aug 2025

- Developed a bilingual sequence-to-sequence neural translator using an attention-based stacked LSTM architecture.
- Preprocessed a custom parallel dataset of 500+ phrase pairs to train the encoder-decoder network.
- Deployed a real-time, interactive web interface using Gradio for seamless user translation testing.

Blood Report Disease Diagnosis App | *Python, Flask, scikit-learn*

Oct 2024

- Trained a Random Forest Classifier to accurately detect blood disorders based on medical parameters.
- Collected datasets and preprocessed clinical data to optimize machine learning disease predictions.
- Collaborated with a team to document the methodology and build a comprehensive project presentation.

Skills

Languages: Java, Python, JavaScript, HTML/CSS

Database: SQL

Soft Skills: Problem Solving, Team Collaboration, Event Coordination, Effective Communication, Adaptability

Certifications

Amazon Web Services

2023

Participation

Anjuman Institute Of Technology & Management

Data Visualization & Github

2023

Participation

Anjuman Institute Of Technology & Management

Project Management Assessment

2024

Assessment

LearnTube